

A Study of the Effect of Ultrasonic Waves
on the Heat Exchange of Bodies in Liquids,
by A. A. Zhukauskas, A. A. Shlachyuskas,
E. P. Yaronis, 7 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur,
Vol IV, No 1, 1961, pp 58-62. 9673547

FTD-TT-61-110

Sci - Phys
2 Mar 62

186,225

On Computing Converter Errors of Voltage into
Code and of Code into Voltage, by K. P.
Zhukauskas, 8pp.

78
RUSSIAN, per, Kombinirovannyye Vychislitel'nyye
Mashiny, Trudy Vtory Vsesoyuznoy Konferentsii-
Seminara po Teorii i Metodam matematicheskogo
Modelirovaniya, 1962. P100063167-v
FTD-41-64-34

Sci - Math Sci
Feb 67

K.P. ZHUKAUSKAS

Elect

320,033

86
Properties and Means of Computing the Wigner
Coefficients and 6j Coefficients, by A. A. Gershkowitz
A. P. Zhukovskas.

RUSSIAN, per. Izv. Akademiya nauk SSSR, Matematika
Sovetskoye, Vol 2, 1964, pp 100-112.

P100087465-V
APRIL 1-8-616

Sol/math
Age 68

356,575

A Voltage to Code and Code to Voltage Electronic
Converter for BESM-2 High-Speed Computers, by
K. P. Zhukauskas and I. Yu. Petkyavichus 10 pp.
RUSSIAN, per, Kombinirovannyye Vychislitel'nyye
Mashiny, Trudy Vtory Vsesoyuznoy Konferentsii-
Seminarya po Teorii i Metodam Matematicheskogo
Modelirovaniya, 1962. P100053157-V.
FTD-MR-64-344

Sci • ~~Math~~ K.P. ZHUKAUSKAS
Feb 67 *Elect* ZHUKAUSKAS
320,038

On the Problem of Graphite from the Bald Mountain
of Botogol (Eastern Sayan), by K. A. Zhuk-
Pochekutov, V. P. Maslov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,
1960, pp 140-142.

AGI

Sci

May 61

153,137

Universal Chromatothermographic Apparatus for
Analyzing Complex Gas Mixtures, by N. M. Turkel'taub,
A. A. Zhukhovitskiy, 10 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, 1957,
pp 1120-1124.

Patent Office

Sci-/Engr

246, 424

Jan 64

Surface Tension of Solutions, by A. Zhurkhovitskiy,
5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XVII, No 5/6, 1943,
pp 313-317.

SLA R-2295

Sci

Aug 58

72,220

Investigation of Molecular Sieves by Means of
Gas Chromatography, by N. M. Turkel'taub,
A. A. Zhukhovitskiy, 7 pp.

RUSSIAN, paper, Zhurn Prik Khim, Vol XXXIV,
No 9, 1961, pp 1946-1953.

CB

Sci

Jul 62

202,668

Theory of Electrical Transport, by D. K.
Belashchenko, A. A. Zhukhovitskiy, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 9,
1961, pp 1921-1926.

Cleaver-Hume Press Ltd.

Sci

Jul 62

205,514

Methode non Isothermique de Determination des
Caracteristiques de Diffusion, by A. A. ~~EA~~
Zhukhovitsky, C. N. Kriukov, E. A. Soldatov,
6 pp.

RUSSIAN to FRENCH, per, Zavod Lab, Vol XXIV, No 9,
~~194~~ 1598, pp 1071-1074. 9082319

Reverse Trans
CEA Tr R-1281

Sci
19 Apr 62

Errors in Chromatographic Analysis Caused by
Incomplete Separation, by A. A. Zhukhovitskiy,
N. M. Turkel'tayub, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 7,
1958, pp 796-797.

Instru Soc of Amer

Sci

113,348

Apr 60

Diffusion and Thermodynamic Characteristics
of Certain Dilute Solid Solutions, by M. E.
Yanitskaya, A. A. Zhukhovitskiy,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 98-106.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

130,806

Determination of Diffusion Coefficients by the
Method of Measuring the Shift of the Activity Curve,
by M. B. Bronfin, S. Z. Bokshtein, A. A. Zhukhovits-
sky, 4 pp

RUSSIAN, per, Zavod Lab, Vol XXVI, No 7, 1960,
pp 828-830

ISA

Sci
May 61

152,406

On the Use of Radioactive Indicators in the Study
of Reactive Diffusion, by A. A. Zhukhovitskiy,
A. D. Sotskov, 10 pp. UNCL.

RUSSIAN, per, Nauchnyy Dok Vyshey Shkoly, -Metall.
No 1, 1958, pp 211-217.

ACSI H-4026 A
ID 2162136

Sci - Phys
Mar 61

141, 262

Chromatographic Analysis of Mixtures of C₅ Hydrocarbons, by A. A. Zhukhovitskiy, B. A. Kazanskiy, A. I. Karymova, P. S. Pavlova, O. D. Sterligov, I. M. Turkel'taub, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 6, 1959, pp 721-728.

CB

Sci

127,783

Sep 60

Absorption-Thermal Instruments for the Analysis of
Gas Mixtures, by A. A. Datskevich, A. A. Zhukhovitski;
H. M. Turkel'taub, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 2,
1959, pp 210-212.

Instru Soc of Amer
*AEC

Sci

Apr 60

113,488

A Method for Determining Diffusion Coefficients, by
S. N. Kryukov, A. A. Zhukhovitskiy *4/24*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XC,
No 3, 1953, pp 379-382.

NSF Tr 71

Scientific - Physics

CTS/DEX

5232

A New Method of Chromatographic Analysis, by
A. A. Zhukhovitskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 3, 1961, pp 435-438.

Sci Mus Lib No 54/1449

Scientific - Physics

Aug 54 CTS

16,785

Surface Tension of Metals, by A. N. Breger, A. A.
Zhukhovitskiy.

RUSSIAN, ^e Zhur Fiz Khim, Vol XX, No 4/5,
1946, pp 355-362.

Brutcher, Tr No 3582
\$4.80

USSR

Sci - Minerals/Metals
Electronics

29,114

A Diffusion Method of Determining the Thermo-
dynamic Characteristics of Solid Solutions, by
~~XXXX~~ A. A. Zhukovitskiy, S. N. Kryukov, M. E.
Yanitskaya, A. G. Golitzin, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CII,
1955, pp 121-124.

AEC Tr 2234

Scientific - Physics
CTS 73/Oct 1955

27,845

Methods of Investigating Diffusion With Radio-
active Isotopes, by A. A. Zhukhovitsky, 13 pp.

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences
of the USSR on the Peaceful Uses of Atomic Energy,
1-5 Jul 1955, Session of the Division of Technical
Science,

35,349

GPO

~~Consultants Bureau~~
~~259 West 14th St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics *87 rpts for \$350.00

Vacancy Chromatography, by A. A. Zhukovitskii,
N. M. Turkel'taub, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXIX, No 1, 1963,
pp 8-13.

ISA

Sci -
Nov 63

241, 789

Separated Steps Chromatography, by A. A. Elmkhovitskii,
M. M. Turkel'taub, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXIX, No 1, 1963,
pp 14-17.

ISA

Sci -
Nov 63

241,791

and Elag by Means of Radioactive Indicators, by
I. S. Kulikov, A. A. Zhukhovitskiy, 31 pp.
UNCLASSIFIED

RUSSIAN, per, Proizvodstvo i Obrabotka Stali,
Vol XXXII, Moscow, 1957, pp 54-78.

US JPRS/DC-261

(DC-1699)

73, 968

Sci - Min/Mat
Sep 58

Application of the Thermal Factor in Gas
Chromatography, by A. A. Zhukhovitskiy
and N. M. Turkeltaub, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
6, 1957, pp 986-989.

Consultants Bureau

Sci - Chem

Aug 58

73, 958

Continuous Chromathermography, by A. A. Zhukhovitskiy,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,
No 5, 1953, pp 987-990.

Sci Mus Lib No 54/1450

Scientific - Physics

19,324

Aug 54 CTS

S-5116

(DC-2782)

Theory of Multimolecular Adsorption, by A. A.
Zhukhovitskiy, R. M. Rubinshteyn, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXV,
No 1, 1949, pp 41-44.

JPRS L-1717-D

USSR
Sci - Chem
Jul 59

90,654

The Influence of Additives on the Velocity of
Self-Diffusion, by M. E. Yanitskaya, A. A.
Zhukhovitsky, S. Z. Boksahtein, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CXII, No 4, Jan/Feb 1957, pp 720-

Consultants Bureau

Sci - Chemistry
Dec 57

56, 846

Theory of Trude Solutions, by A. A. Zhukhovitskiy,
B. E. Finkel'shteyn, I. S. Kulikov, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,
No 2, 1951, pp 227-230.

CIA/FDD/X-984

Scientific - Chemistry Aug 53 CTS/DEX

4569

A New Method of Chromatographic Analysis, by A. A.
Zhukhovitskiy, O. V. Zolotareva, V. A. Sokolov, N. M.
Turkel'taub, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII, No
3, 1951. P 435-438

AF-360407

Sci - Physics

SLA 61-13690

Oct 1951 CTS

A-13527

The Application of Tagged Atoms in Metallurgy, by
A. A. Zhukhovitskiy, 3 pp.

RUSSIAN, np, Kazakhstanskaya Pravda, No 240, 1955.
Encl to IR-1006-56.

AED

Sci - Minerals/Metals
USSR

May 1956

Diffusion in Multiphase Systems, by Pao Hsueh Hsin,
S. S. Bokstein, A. A. Zhukhovitskiy, & sp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III, No 3,
1961, pp 723-728.

AIP
Soviet Phys
Vol III, No 3

Sci

168, 749

Sep 61

Regularities of Change of Composition of Gas
Head Gases Along the Stratigraphic Section, by
S. P. Maksimov, N. A. Yermenko, A. A. Zhukhorit-
skiy, N. M. Turkel'taub, T. A. Botheva, R. G.
Povkina, 9 pp.

RUSSIAN, per, Geol Neft i Gaza, Vol IIX, No 1-B,
1959, pp 55-62.

Rev of Russian Geology

122,426

Sci
Aug 60

Chromatographic Method for Separating and
Analyzing Gases, by A. A. Zhukovitskiy.

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 7,
1956, pp 859-871.

Tech and Comm Tr
\$95.00

Sci - Chemistry
CTS/dax Jan 1957

42,013

On the Determination of the Thermodynamic
Characteristics of Solid Solutions by Radioactive
Indicator Methods, by A. A. Zhukovitskiy, M. E.
Yanitskaya, S. N. Kryukov, 9 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 7,
1955, pp 1339-1341.

Sci Mus Lib Tr 57/4341

Sci - Phys
Sep 58

73,567

The Use of Radioactive Indicators for Measuring
the Diffusion Rate in Solids, by A. A. Zhukhovitskiy.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 5,
1955, ~~pp 575-583~~ pp 575-583.

Tech and Comm Trans

USSR

Sci - Nuclear Physics

29,799

(NY-2736).

Theory of Thermal Separation of Gas Mixtures by
the Adsorption Method, by Ye. V. Vagin, A. A.
Zhukhovskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 2,
Moscow, 1954, pp 273-276.

JPRS-L-885-N

Sci -
Aug 59

94, 240

A New Method of Measuring Thermodynamic Characteristics of Solid Solutions, by A. A. Zhukhovitsky, A. G. Golitsyn. UNCL

RUSSIAN, per, Zavod Lab, No 7, 1958, pp 828-829.

DSIR LLU M.640

(loan)

Sci - Phys

Dec 59

102, 440

Theory of Chromathermography, by A. A. Zhukhovitskiy,
Leningrad.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 2, 1953, pp 859-862.

Sci Mus Lib No 54/1451

Scientific - Physics

19,325

Aug 54 CTS

61-13103

Zhukhovitskiy, A. A. and Geodakhyan, V. A.
ON THE MEASUREMENTS OF SMALL CO-EFFI-
CIENTS OF DIFFUSION, tr. by S. Dobrianskyj.
Jan 59, 7p. 9 refs. Trans. no. CRL/T-74; M1773.
Order from LC or SLA mi\$1.80, ph\$1.80 61-13103

Trans. of mono. The Use of Radioisotopes in Metal-
lurgy, Moscow, 1955, p. 268-273.

The described procedure of measuring small co-effi-
cients of diffusion will allow the carrying out of diffu-
sion experiments at low temperatures and make possi-
ble the investigation of the diffusion dependence at
different states of the stresses, structure, grain size,
etc.

(Metallurgy, TT, v. 5, no. 7)

- I. Metals--Diffusion
- I. Zhukhovitskiy, A. A.
- II. Geodakhyan, V. A.
- III. CRL/T-74
- IV. DSIR LLU M.1773
- V. Central Research Labs.,
Broken Hill Proprietary
Co., Ltd. (Australia)

Office of Technical Services

61-28180

Zhukhovitskiy, A. A., Selenkina, M. S., and
Turkel'taub, N. M.

METHOD OF CHROMATOGRAPHIC IDENTIFICATION
OF COMPONENTS OF HYDROCARBON MIXTURES,
tr. by A. Magrath. [1961] [20] p. 8 refs. TRC Trans.
no. 1051; [DSIR LLU] M. 4006.
Order from OTS or SLA \$1.60

61-28180

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR)
1960 [v. 5] no. 11, p. 57-64.

DESCRIPTORS: *Hydrocarbons, Mixtures, *Chromato-
graphic analysis, Test methods, Identification, Deter-
mination, Boiling, Gases, Liquids, Temperature, Mo-
lecular structure.

The method proposed for identifying components of
hydrocarbon mixtures enables the qualitative compo-
sition of complex mixtures to be determined, on the
basis of measurement of retention volumes and of some
(Chemistry--Physical, TT, v. 6, no. 11) (over)

- I. Zhukhovitskiy, A. A.
- II. Selenkina, M. S.
- III. Turkel'taub, N. M.
- IV. TRC Trans-1051
- V. DSIR LLU M. 4006
- VI. Thornton Research Centre,
Shell Research Ltd.
(Gt. Brit).

Office of Technical Services.

Organization and Administration of Automated
Factories, by A. F. ~~Zukh~~ Zhukhovitskiy, 10 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 2,
1961, pp 63-76.

PERRA

Sci

181,083

Jan 62

(NY-5231)

Calculation of the Behavior of a Saturable
Inductor in a Modulation System, by A. V.
Netushil, N. M. Burdak, B. Ya. Zhukhovitskiy,
13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Radiotekh, Vol III, No 2, 1960.

JPRS 737⁹
9

Sci
Jul 61

159,371

The Stability of Equilibrium of Fluid Within a
Horizontal Cylinder Heated From Below, by
G. Z. Gershuni, E. M. Zhukhovitskiy, 8 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXV, No 6,
1961, pp 1035-1040.

PP

Sci

Oct 62

216,030

RX

Convective Instability Spectrum of a Conducting Medium
in a Magnetic Field, by G. Z. Gershuni, E. M. Zhukhovitskiy, 3 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol XLII,
No 4, 1962, pp 1122-1125.

AIP

Sov i Phys - JETP
Vol XV, No 4

Sci

Sep 62

214,959

The Closed convective Boundary Layer, by G. Z.
Gershuni, E. M. Zhukhovitskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 2, 1959
pp 298-300.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,085

(NY-6798)

Concerning the Problem of the Training and
Treatment of Children With Poliomyelitis
Sequelae at Special Boarding Schools, by
M. S. Zhukhovitskiy, Z. E. Kreyn, A. A.
Osennyayev, 13 pp.

RUSSIAN, per, Pediaĭtriya, Vol XL, No 10,
1961.

JPRS 11653

Sci - Med
Jan 62

178,597

119
Application of the Characteristics Method to
Numerical Solution of Unidimensional Problems
in Gas Dynamics, by A. I. Zhukov,
RUSSIAN, per. Trudy Matematicheskogo Inst in
V. A. Steklova, No 58, 1960, pp 1-149.

P910242167-V

NASA TT F-298

Sci-Math

Jul 67

351,766

Analysis of Reliability of Systems with Fault
Signalling, by V. A. Zhozhikashvili, A. L. Raikin,
6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 3,
1962, pp 392-397.

ISA

Sci

Oct 62

213,883

11
Certain Informational Criteria in the Control
of Multiple-Connected Systems, by K. D. Zhuk,
9 pp.

RUSSIAN, Col of Art, AN USSR, Institut
Kibernetiki, Kibernetika i Vychislitel'naya
Tekhnika, 1964, pp 8-17.

FI00028668-V

FTD-MT-65-551

Sci-Electronics and Elec. Engr.

Feb 68

350,526

K. D. Zhuk

Counteroffensive at Moscow, by G. Zhukov, 19 pp.
RUSSIAN, per, Voyenno-istoricheskiy zhurnal,
No. 10, Oct 1956, pp. 63-85.
JPRS 38799

Zhukov, G.

USSR
Mil
Dec 66

314,412

Device for Fine Pulverizing of Specimens. by B. S.
Tul'chinskii. A. G. Zhukov. 3 pp.

RUSSIAN, per. Priboiy i Tekh Eksper. No 3. 1962,
pp 150-152.

ISA

Sci

233,514

Apr 63

Separation of Thorium and Uranium (VI) on KU-2
Resin, by A.I. Zhukov, E.I. Kazamtsev et al, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 4,
1963, pp 743-749.

CB

Sci
Jul 64

262,303

Experience of Open-Hearth Furnaces Fired with Natural
gas by the Self-Carburization Process, by A. I.
Zhukov, M. M. Khil'ko, N. P. Marshshiy, M. S.
Shklyar, L. G. Slez, 3 pp.

RUSSIAN, per, Stal, No 4, 1961, pp 307-311.

BISI

165, 175

Sci

Aug 61

Purification of Industrial effluents is the
Principal Measure for the protection of
Reservoirs From Pollution, by A. I. Zhukov,
I. L. Mongait. URCL

RUSSIAN,

DSIR LUD (loan) N.362

Sci - Engr
Jul 59

90, 161

87
Application of Characteristics Method
to Numerical Solution of Unidimensional
Problems in Gas Dynamics, by

A. I. Zhukov.

RUSSIAN, per, Zhukov Met. Zh. 1960, No. 58, 1960, 149 pp.

MAA TT P-298

A. I. Zhukov

Sci-Data

Silicate Paints Manufactured
by D.Zhukov, A.Samburskiy .pp.6
RUSSIAN, per. Stroitel'stvo i Arkhitektura
Sredney Azii No 5 1964 pp.32-34.
Dept of Navy /ONI Tr No 2056 9699996

Sci. M7& M
Apr 66

Motion of a Gas Due to the Effect of a Brief Impulse,
by A. I. Zhukov, Ya. M. Kazhdan, 7 pp.

RUSSIAN, per, Akust Zhur, Vol II, No 4, Oct-Dec 1956,
pp 352-357.

Amer Inst of Phys
Soviet Phys-Acoustics
Vol II, No 4

Sci - Phys

51,603

Aug 57

Peculiarities of the Neutral Load Curve, by
A. M. Zhukov. UNCL

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 8, 1958, pp 32-40.

DSIR LLU RTS 1329

(loan) (Ll. 2a. 6d.)

Sci - Engr

Feb 60

108,345

Table of Contents only:

Thread Cutting, by A. M. Zhukov. UNCL

RUSSIAN, bk, publ by Mashgiz, 1957.

Note: Complete book in Russian R. 11879/0.

DSIR LLU (loan) M.602

This info from Aug 59 LLU Tr Bul

Sep 59

SLA-59-22646

The Strength and Plasticity of Alloy D₁₆T
Under Complex Stress Systems, by A. M.
Zhukov, 15 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, No 6, 1954, pp 61-70.

Sci Mus Lib -56/0444

Sci - Chemistry, Minerals/Metals

Jul 1956

36, 393

Plastic Deformations of Steel Under Combined
Stress, by A. M. Zhukov, 10 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, No 11,
1954, pp 53-61.

Sci Mus Lib - 56/0531

Sci - Minerals/Metals, Physics

Jul 1956

36, 392

Experimental Verification of Certain Theories
of Creep, by A. M. Zhukov, Y. N. Rabotnov,
E. S. Churikov. UDC

(Ak Nark SSSR Inst. Mech.)
RUSSIAN, FOR, Inzhenernyi Sbornik Vol XVII,
1953, pp 163-170.

SLR 59-28607
DSIR ILU (loan) H. 740

Sci - Phys; Min/Int
Mar 59

100, T33

Zhukov, A. M. CONDITIONS OF DESTRUCTION OF PLASTIC METALS IN A COMPLEX STRESS STATE [Ob Usloviyakh Razrusheniya Plastichnykh Metallov pri Slozhnom Napryazhenom Soedoyanii]. [1963] 7p. 12 refs. Order from OTS or SLA \$1.10 63-14660 Trans. of Akad[emiya] Nauk SSSR. Otd[elenie] Tekh[nicheskikh] Nauk. Izv[estiya] 1958, no. 5, p. 110-[115]. DESCRIPTORS: *Failure (Mechanics), *Stresses, Plasticity, *Metals, Deformation, Load distribution, Tests, Mathematical analysis. (Metallurgy, TT, v. 10, no. 2)	63-14660 I. Zhukov, A. M. A289702 Office of Technical Services
---	--

Poisson's Coefficient in the Plastic Range,
by A. M. Zhukov, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 12, 1954, pp 86-91.

SLA-21-16776

AEC Tr 2277

RT-3625

Scientific - ~~Classified~~

Nov 55 CTS/DEX

Physics

28704

The Effect of Fractionated Doses of X-Irradiation
on the Capacity of Plants to Resume Growth, by
I. M. Vasil'yev, B. G. Zhukov, 3 pp.

RUSSIAN, per, Biofizika, Vol V, No 1, 1960,
pp 46-48.

PP

Sci
Aug 60

124,531

(NY-3000/8)

Increase Capacities More Rapidly in Ferrous
Metallurgy, by K. Zhukov,

RUSSIAN, pp: Promyshlennno-Ekonomicheskaya Gazeta,
25 Nov 1959, pp 1-3.

*JPRS

USSR

Econ - Technological

Jan 60

Constitution and thermodynamic activity diagrams for
the components of alloys

By A. A. Zhukov, ~~et~~ ^{70P}.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 2,
1962.

PP

Sci

Aug 63

342,415

Brittleness of High-Strength Nodular Cast Iron,
by A. A. Zhukov.

RUSSIAN, per, Metal Termicheskaya Obra Metallov,
No 4, 1959, pp 53-55.

HB 4575

Sci - Min/Met

Jan 60

105657

Elution of Uranium (VI) Ions from Columns with Sulfonated Cation Exchange Resins, by A. I. Zhukov and E. I. Kazantsev, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 9, 1962, pp 1893 - 1900

CB

Sci

Jul 63

342, 320

Sorption of Uranium (VI) by Sulfonated Cation
Exchangers. By A. I. Zhukov and E. I. Kazantsev,
pp. 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 8,
1962, pp. ~~20~~ 1696-1701

CB

Sci

Jun 63

342,590

Creep of Non-Ferrous Metals at Room
Temperature Beyond Elastic Limits, by
A. M. Zhukov, 8 pp.

RUSSIAN, per, Izzhenernyy Zhur,
Vol III, No 2, 1963, pp 409-413.

JPRS 26019

Sci Engr
Sep 64

266,601

Complex Loading and Theories of Plasticity of
Isotropic Metals, by A. N. Zhukov.

RUSSIAN, per, Iz Ak Nauk SSSR, No 8, 1955,
pp 81-92. CIA 9014511

D.S.I.R./28137

Sci - Min/metals
Apr 57 CTS/dex

46, 421

Spec. Ref. & Inf. Bureau

SB 61.

Analysis of Factors Affecting Area of Contact of
Chip With Leading Edge of Tool, and the Mean
Specific Normal Pressure, by A. M. Zhukov,
7 pp,

RUSSIAN, per, Vest Mash, Vol XXXIII, No 9, 1953,
pp 52-56.

Sci Mus Lib No 54/3679

Scientific - Engineering Mar 55 CTS

21,952

Our Air Regiment in the Battles at the Approaches
to Moscow, by A. P. Zhukov, 3 pp.

RUSSIAN, mo per, Vest Voz Flot, No 1, 1957.
CIA 602074

ATIC

USSR

52,174

Mil

Sep 57

(DC-5984)

Wall Materials and Methods for Their Industrial and Utilization and Development, by A. V. Zhukov, 13 pp.

RUSSIAN, brochure, Voprosy Razvitiya Stroitel'stva i Pronyashlenosti Stroitel'nykh Materialov Khar'kovskogo Ekonomicheskogo Rayona, 1959.

JPRS 10449

USSR

172, 144

Econ

Oct 61

Reaction of the Plant to Injury After X-Irradiation,
by I. M. Vasil'yev, B. G. Zhukov; 6 pp.

RUSSIAN, per, Biofiz, Vol V, No 2, 1960,
pp 189-193.

PP

Sci

132,086

Nov 60

Combat Helicopters of the Filters, by P. Astashenkov,
B. Zhukov, 70 pp. UNCLASSIFIED (AF 726663)

RUSSIA, bk, Boevye Verushchniki Letchikov, Moscow,
1956, 64 pp.

ATIC F-73-9061/III

Sci - Aeronautics

USSR

Military

Nov 58

76,374

(NY 6503)

Apparatus for Continuous Recording of the
Volumetric Blood Flow Rate and the Percent-
age of Oxyhemoglobin in the Acute Experiment,
by V. V. Suchkov, B. N. Zhukov, 7 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L,
No 11, 1960, pp 130-132.

JPRS 9878

164,385

Sci - Med
Aug 61

An Apparatus for the Continuous Recording of the
Volume Blood Flow and the Percentage of Oxyhemo-
globin in Actute Experiments, by V. V. Suchkov,
B. N. Zhukov, 4 pp.

RUSSIAN, per, Byul Eksp^{er} Biol i Med, Vol L,
No 11, 1960, pp 130-132.

CB

159, 727

Sci
Jul 61

Cancer of the Stomach: Experiences From a
Surgical Clinic, by R. V. Bogoslavskiy, B. P.
Zhukov, E. I. Belik, 5 pp.

RUSSIAN, bimo per, Voprosy Onkologii, Vol III,
No 1, 1957, pp 34-39.

Pergamon Press

Sci - Medicine
Oct 57

54,581

On the Problem of Smelting Transformer Steel,
by S. M. Gnuchev, D. G. Zhukov, V. V. Keis,
et al, 5 pp.

RUSSSIAN, per, Metallurg, No 6, 1960,
pp 18-21.

Acta Metallurgica

Sci

161, 238

Jul 61

(NY-6502)

One Hundred Million Operations Per Second, by
Dmitriy Zhukov, 6 pp.

RUSSIAN, per, Ogonek, No 49, Dec 1961, pp 12,13.

JPRS 12560

Sci - Engr

Mar 62

185,778

Electrophysiological Data on Some Mechanisms for
the Overcoming of Fatigue, by E. K. Zhukov, Yu. Z.
Zekhar'yants, 9 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenova,
Vol XLVI, No 7, 1960, pp 819-827.

FP

Sci

Feb 61

139,872

The Part of A. N. Krestovnikov in the Development
of the Physiology of Athletics, by E. K. Zhukov,
E. B. Kossovskaya, 8 pp.

RUSSIAN, per, Fiziol Zhiv 88SR imeni Y. M.
Sechenova, Vol XLVI, No 7, 1960, pp 888-893.

FP

Sci

Feb 61

140,593

Criticisms and Reviews:

Physiological Methods in Clinical Practice,
by E. K. Zhukov, 3 pp

RUSSIAN, per, Fiziol Zhur SSSR, imeni I. M.
Sechenova, Vol XLVI, No 2, 1960, pp 254-256

PP

Sci

132,306

Oct 60

Optimal and Pessimal Phenomena in a Tonic Nerve-
Muscle Unit, by ~~XXXXXXXXXX~~ E. K. Zhukov, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR from I. M. Gochanova,
Vol XLIII, No 11, 1977, pp 1112-1117.

6
Pergamon Inst.

Sci - Med
Nov 58

76,075

Synchronized Action Potentials During Muscular
Activity in Man, by E. K. Zhukov, Yu. Z.
Zakhar'yants, 5 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLV, No 9, 1959, pp 1053-1059.

Pergamon Press

Sci

Jun 60

117,932

Some Properties of the Contractile Proteins In
Different Types of Striated Muscle Fibres, by
A. V. Strelina, I. I. Ivanov and E. K. Zhukov
6 pp

RUSSIAN, no per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLIII, No 4, ~~1958~~, pp 351-357
1957,

Pergamon Press

Sci - Med

Mar 58

60,914

Measurement of the Number of Lines in the Scan of a
Storage-Type Television Camera, by E. M. Zhukov, 9 pp.

RUSSIAN, per, Iz Vysshikh Ucheb zaved, Vol III, No 5,
1960.

JPRS 7382

Sci

165, 883

Aug 61

Jubilee: Iulii Mikhailovich Ufliand (I.L. Vasil'ev,
N. V. Golikov, E. R. Zhukov, V. G. Kunevich), 3 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,
Vol XLIII, No 6, 1957, pp 553-590.

Pergamon Institute

Sci - Med

May 58

63,934

Parasitic Infection of the Alaskan Pollack in
Relation to Its Utilization as a Food Fish, by
A. V. Gusev, E. V. Zhukov, Yu. A. Strelnikov, 3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CKKV, No 5,
1959, pp 1174.

Amer Inst of Biol Sci

Sci

Dec 59

103,902

From the Experience of Efficiency Experts,
by G. N. Sedel'nikov, G. A. Zhukov

RUSSIAN, mo per, Voenno Med Zhur, No 10,
Moscow, Oct 1959, pp 81-82

US JPRS 2102-N

Sci
Jan 60

104,733

Speech by G. K. Zhukov, 4 pp.

RUSSIAN, d np, Pravda, 18 Apr 1957, Encl to
IR 1395-57, AFOIN-1A1.

AF 1100924

USSR
Pol
Jun 57

48, 316

V (FDD 27233)

Speech of Comrade G. K. Zhukov, 12 pp.

RUSSIAN, d np, Pravda, Moscow, 20 Feb 1956.

CIA D 420407

CIA/FDD/U-7893

AF 732604

USSR

Mil - Military doctrine

32,538

(Miller)